

AMENDMENT TO THE SPECIFICATION

B' [0030] During use, the working fluid flows through NFHX 120 shown in FIGS. 3-5 as follows. First, the working fluid flows through inlet port 178 and into inlet plenum channel 184, where it is distributed through inlet apertures 180 in inlet wall plate 174 to inlet manifolds 140. As the working fluid flows along each inlet manifold 140, portions of the working fluid flow into the various interconnecting channels 144 distributed along the length of core 130. As the working fluid flows through each interconnecting channel 144, it first flows into the space defined by interconnecting portion 166 of combination aperture 158 of spacer plate 138 between adjacent heat-exchanger plates 136, where it is split into two flow paths by flow partition 168. The working fluid then flows to a corresponding one of first and second overlap portions 162, 164 of combination aperture 158, where it then flows into a corresponding outlet manifold 142 via overlap portion 152 of combination aperture 148 of heat-exchanger plate 136. Once the working fluid enters one of outlet manifolds 142, it then flows through a corresponding one of outlet apertures 192 in outlet wall plate 186, into outlet plenum channel 198 and through outlet port 194. ~~As one skilled in the art will recognize, the direction of flow through NFHX 120 may be reversed, whereupon the passageways and openings presently designated as "inlet" become outlet passageways and openings and the passageways and openings presently designated as "outlet" become inlet passageways and openings.~~